

Wm J Buck
Crompton

HUNSLET

Rural District Council.

❖ REPORT ❖

OF

JOSEPH BUCK, ESQ.,

MEDICAL OFFICER OF HEALTH.

— 1894. —

Leeds:

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ANNUAL REPORT, 1894,

Hunslet Rural Sanitary Authority.

*To the Chairman and Members of the Hunslet
Rural District Council.*

GENTLEMEN,

In presenting my ANNUAL REPORT for the year 1894, I have, as in former years, considered each subject under its respective heading, and would draw your attention to a study of the appended Tables **A** and **B** of the Local Government Board, and Table **C** of the County Council, in conjunction with the text.

BIRTHS.—There have been registered in the district during the year 200 births—97 males and 103 females—or 8 less than in the preceding year, the Sub-Registration District of Whitkirk (including Templenewsam (part of), Oulton-cum-Woodlesford, and Thorp-Stapleton) contributing 156, and Middleton 44. Estimating the population to Midsummer at 6464, this gives a birth rate of 30·94 per 1000 ; that of 1893 being 31·06. Of these births 5 were illegitimate—3 males and 2 females—a reduction of 6 on the preceding year.

DEATHS.—During the corresponding period there were registered 98 deaths (46 males and 52 females). Of these Templenewsam and Thorp-Stapleton contributed 32, Oulton-cum-Woodlesford 51, and Middleton 15. This gives a death rate of 15·16 per 1000—a rate highly satisfactory ; that of 1893 being 18·3, and the mean of the decade 1881-1890 being 18.

It will also be seen that the births are a fraction more than double the number of deaths.

There are included in the above returns 3 deaths in persons not belonging to the district :—one accidentally killed at Waterloo Main Colliery, another (a little boy) knocked into canal from a boat, and a third, a man found drowned at Whitkirk.

Three persons belonging to the district died in the Hunslet Workhouse.—two under 1 year of age and one aged 79.

The following is a Summary of Ages at which death occurred :—

Deaths under 1 year	28	} 39 under 5 years
„ over 1 year and under 5 years,	11			
„ „ 5 „ „ 15 „	8			} 59 above 5 years
„ „ 15 „ „ 25 „	3			
„ „ 25 „ „ 65 „	23			
„ „ 65 and upwards	...	25		
Total	<u>98</u>	

Causes of Death.—The following are taken from Table A.

Diphtheria	...	...	...	1
Membranous Croup	...	...	...	3
Puerperal Fever	...	...	...	2
Measles	...	...	...	2
Whooping Cough	...	...	...	3
Diarrhœa	...	...	...	4
Phthisis	...	...	...	2
Bronchitis	...	...	...	} 22
Pneumonia	...	...	...
Pleurisy	...	...	...
Heart Disease	...	...	...	7
Injuries	...	...	...	8
All other causes	...	...	...	44
Total	...	...	...	<u>98</u>

INFANT MORTALITY.—There were 28 deaths in children under 1 year, being at the rate of 28·5 per cent. of the total number of deaths, 14·0 per cent. of the children born alive, and 4·3 per 1000 of the population.

The Causes of Death were:—Bronchitis and Pneumonia, 5 ; Whooping Cough, 2 ; Croup, 1 ; Convulsions, 4 ; Overlaid, 1 (inquest) ; Diarrhœa and Consumption of Bowels, 5 ; Congenital Debility, Marasmus, and Premature Birth, 7 ; Dentition, 1 ; Measles, 1 ; Tabes Mesenterica, 1.

The infant rate of mortality is reduced from 17·7 per cent. of the children born alive in 1893 to 14 per cent. ; the mean for the decade 1881-90 being 13·1.

ZYMOTIC DISEASES.—11 deaths from Zymotic causes were registered—Diphtheria, 1 ; Membranous Croup, 3 ; Puerperal Fever, 2 ; Measles, 2 ; Whooping Cough, 3.

Of these Templenewsam contributed 1 case of Puerperal Fever and 1 of Whooping Cough ; Oulton-cum-Woodlesford, 1 Diphtheria, 3 Membranous Croup, 1 Puerperal Fever, and 2 Measles ; Middleton, 2 Whooping Cough.

The death rate from Zymotic diseases is thus 1·7 per 1000, that of 1893 being 1·2. This rate may be regarded as satisfactory when compared with the mean for the decade 1881-1890, which was 2·3.

There were no deaths either from Typhoid or Scarlatina. Nine of the eleven deaths occurred in children under 7 years of age. The remaining 2 deaths were from Puerperal Fever.

It is a matter for congratulation to find that the death rate from three of the most virulent of infectious diseases, viz., Small Pox, Scarlatina and Typhoid, is *nil*.

The number of infectious diseases notified during the year was 25, the same as in the previous year (1 case of Croup and 1 of Puerperal Fever, both fatal, and occurring in Woodlesford, were not, however, notified). Of these Templenewsam contributed Scarlatina 3, Diphtheria 5, Puerperal Fever 1 ; Oulton-cum-Woodlesford, Scarlatina 6, Diphtheria 1, Croup 3, Typhoid 3, Erysipelas 2 ; Middleton, Typhoid 1.

SCARLATINA.—Of the 6 cases in Oulton-cum-Woodlesford 5 occurred in one house. A youth, aged 17, working in Leeds, came home complaining of illness ; no medical man was called in until a week after, when it was at once notified, but too late to prevent its spreading to the other children. This was a definite case of importation. The other case in this district occurred six months previously, and the infection could not be traced.

Of the three cases in Templenewsam one occurred in May, another in September, and the third in December.

The two former were of a sporadic nature. The latter was in the employment of a tradesman at Thorner, whose daughter was at the time recovering from Scarlatina, and thus contracted the disease. All made a good recovery.

TYPHOID.—It is a remarkable fact that no case of Typhoid occurred in Templenewsam, whilst in the previous year all the five cases notified were in that district. Of the three cases in Oulton-cum-Woodlesford one was that of the Woodlesford station master. This was the subject of a special report, in which I pointed out the insanitary condition of the whole of the station drainage and improvements necessary to be carried out. Another was in a boy aged 14, living at Oulton, who complained of “having got a bad smell in Hunslet.” No sanitary defects could be found.

The third occurred in one of the Vicar’s children at Woodlesford. This was also reported on at the time. The new vicarage drainage, as well as that of the schoolroom at Rothwell, was thoroughly overhauled, and the milk supply investigated, all with negative results. There were no other cases in the village at the time. The child developed measles very shortly after, and I am at a loss to account for this case except as one of sporadic origin. The single case at Middleton occurred in a youth working as a butcher in Hunslet. The sanitary arrangements of his home were satisfactory.

DIPHTHERIA and MEMBRANOUS CROUP.—Of the six cases of Diphtheria notified, five occurred in Templenewsam, four being in one house, which was damp, badly ventilated, and surrounded by decomposing vegetable matter.

The sixth case occurred in Woodlesford, and proved fatal. Of the three cases of Croup notified all proved fatal, also a fourth which was not notified. Three cases of Croup and one of Diphtheria had their origin in Woodlesford, all within a radius of about 200 yards, and I am of opinion that much over-crowding exists here, there being a decided want of cottage property in this part of the district with its increasing population.

MEASLES and WHOOPING COUGH.—Measles made its appearance in the latter part of the year in Oulton-cum-Woodlesford, and was responsible for two deaths, each being complicated with Bronchitis. Whooping Cough was in evidence to a slight degree throughout the district, and caused three deaths.

INFLUENZA.—Two deaths were registered from this cause, one each in Templenewsam and Oulton-cum-Woodlesford respectively.

INQUESTS.—There were twelve Inquests held, an unusually high number ; eight of the deaths being due to injuries and four to natural causes.

INFECTIOUS DISEASES HOSPITAL.—I regret that no further progress has been made with this important subject. In 1892 the Authority resolved to convert a disused school at Waterloo into a Small-pox Hospital. In my report for 1893 I put forward my objections to this site except as a temporary resort until such times as the Authority could either combine with some other district or erect a new building for its own use. The County Council has issued a circular consenting to form Hospital Districts in those cases where two or more Authorities would combine, and I beg to urge this plan as the best solution of the difficulty, inasmuch as in my opinion it would be folly to erect a new Hospital with all its administrative expenses in such a small district where it would probably be shut up the greater part of the year. The Authority still maintains its right to make use of the Rothwell Conjoint Cottage, though I must point out that this place is in a somewhat dilapidated condition and quite inadequate for the two districts.

WATER SUPPLY.—The principal portions of Templenewsam are now in possession of a wholesome and abundant

supply of water from the Leeds Corporation, and it has been resolved to further extend the supply to Thorp Stapleton. In September I reported on the water supply of Newsam Green, and recommended that the mains should be carried on to this hamlet. The subject is still *sub-judice*.

It is very desirable that Hermon Terrace, which derives its supply from a well, should be connected to the mains. It is, however, doubtful whether this could be enforced, inasmuch as it is more a question of convenience than of pollution at present. If the Council would consent to lay a 3in. pipe along the Terrace, the owners would no doubt connect, and so put an end to the difficulty.

In Middleton a reservoir has been erected for a more plentiful and constant supply, and the mains have been extended to Belle Isle, to about 28 houses. Odd's Run for about six months in the year is still without any water supply. Several wells in the district have been examined during the year.

DRAINAGE.—The principal work during the year has been that of the Woodlesford Station. The whole length of drain has been taken up and re-laid at a deeper gradient, the water-closets have been re-fitted with Shank's patent, the soil pipes ventilated and connected on the most approved plan, the public urinal reconstructed, and satisfactory flushing tanks erected.

The station master's office, which is badly ventilated and deficient in cubical capacity, still requires attention.

The adoption of a complete system of drainage for Middleton is a question which cannot be long delayed.

SEWAGE TREATMENT.—Owing to the subsidence of the land from mining operations, the Lemonroyd Sewage Works remain in a disorganized condition. The Authority has been fully alive to its responsibility, and has endeavoured to make the works as efficient as the circumstances would permit; an automatic mixer having been erected at considerable cost, and the quantity of sludge considerably diminished. We are now in the second of the two years of grace granted by the County Council, and the question of new works will have to be decided very shortly.

In July I attended as a delegate the Congress of the Institute of Public Health, held at King's College, London, and made a special report thereon.

Table C appended gives a summary of Sanitary Work for the year.

There has been no necessity for any appeal to the law for the abatement of Nuisances.

In conclusion, I again beg to congratulate the Authority on its satisfactory progress in matters of sanitation.

(Signed),

JOSEPH BUCK,

Medical Officer of Health.

ROTHWELL, NEAR LEEDS,
January, 1895.

APPENDIX A.

TABLE OF DEATHS during the Year 1894, in the Rural Sanitary District of Hunslet Union,
Classified according to Diseases, Ages, and Localities.

MEMORANDUM.—The deaths which have been classified in this Table, and summed up in the horizontal line of "Totals," are the whole of those registered as having actually occurred in the several localities comprised within the Division or District. But the registered number of deaths frequently requires correction before it can give an exact view of the mortality of a Division or District; and the two lowest horizontal lines are provided for the purpose of enabling Medical Officers of Health to indicate to the best of their ability what the extent of such corrections should be.

NAMES OF LOCALITIES.	MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.							MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER 5 YEARS OF AGE											
	At all Ages.	Under 1 Year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Membranous Croup.	Diphtheria.	Puerperal Fever.	Measles.	Whooping Cough.	Diarrhoea and Dysentery.	Pthtisis.	Bronchitis, Pneumonia and Pleurisy.	Heart Disease.	Injuries.	All other Diseases.	TOTALS.
TEMPLE-NEWSAM (PART OF) AND THORP STAPLETON	32	8	3	2	2	8	9					1	1		2		2	5	11
										1									
OULTON-WITH-WOODLESFORD	51	12	7	5	1	14	12	2			2		3		8			4	19
								1	1	1									
MIDDLETON	15	8	1	1	0	1	4					1			1			7	9
TOTALS	98	28	11	8	3	23	25	2			2	2	4		11		2	16	39
								1	1	2	1		2	11	7	6	28	59	

The subjoined numbers have also to be taken into account in judging of the above records of mortality.

	Mortality from all Causes at Subjoined Ages.				Mortality from Subjoined Causes.			
	Under 1 year.	5 and under 15.	25 and under 65.	65 and upwards.	Bronchitis Pneum'nia and Pleurisy.	Heart Disease.	Injuries.	All other Diseases.
Deaths occurring outside the District among persons } belonging thereto	2			1				3
Deaths occurring within the District among persons } not belonging thereto		1	1	1				3

Area and Population of the District or Division to which this Return relates :

Area in Acres, 6,583.
Population (1891), 6,120.

APPENDIX B.

Table of Population, Births, and of New Cases of Infectious Sickness coming to the knowledge of the Medical Officer of Health, during the Year 1894, in the Rural Sanitary District of Hunslet Union; classified according to Diseases, Ages, and Localities.

NAMES OF LOCALITIES.	POPULATION AT ALL AGES.			Registered Births.	New Cases of Sickness in each Locality, coming to the knowledge of the Medical Officer of Health.							Number of such cases removed from their homes in the several localities for treatment in Isolation Hospital.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	CENSUS 1891.				Estimated to middle of 1894.	Smallpox.	Scarlatina.	Diphtheria.	Membranous Group.	Enteric or Typhoid Fever.	Puerperal Fever.		Erysipelas.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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Is " Notification of Infectious Disease " compulsory in the District? Yes. Since when? 1st January, 1890. Name of Isolation Hospital used by the Sick of the District. Cottage in Rothwell used jointly by this Authority and the Rothwell Urban Sanitary Authority for Small Pox cases only.

APPENDIX C.

Annual Return to West-Riding County Council.

HUNSLET RURAL SANITARY DISTRICT.

Medical Officer of Health, JOSEPH BUCK.

Present Salary, £60. Term of appointment, Three Years.

Special Reports presented during 1894

Newsam Green water supply Sept. 5

Typhoid at Woodlesford Station Sept. 5

Hermon Terrace, Halton water supply... June 14 and Dec. 11.

Rateable Value (1894) for Poor Rate £40,472.

Sanitary Inspector, WILLIAM WHITEHEAD,	Salary	£80
Surveyor	„	£10
Canal Boats Inspector	„	£5

Water Supply—

Any Extension or change during 1894? Erection of reservoir Middleton and supply extended to Belle Isle—about 28 houses.

Average daily consumption per head? about 30 gallons.

Action on lead? Slight action of Middleton water from Wakefield when standing in pipes overnight.

Sewerage and Sewage Disposal—Extensions or improvements during 1894.

- (1) Automatic mixer supplied to Lemon Royd Sewage Works
- (2) Amount of sludge considerably reduced.

Scavenging—

Are the Privy Middens, &c., cleansed by Sanitary staff, by contractors, or by tenants?—Contractors.

Frequency? Whenever necessary, and at least once every two months.

Annual Cost, £318.

Is the present arrangement satisfactory?—Yes.

Bye-Laws, Regulations, and Adoptive Acts. *Date of Adoption.*

Infectious diseases (Notification) Act, 1889 6th Nov., 1889.

Infectious Diseases (Prevention) Act, 1890 { Not Adopted.

Public Health Acts Amendment Act, 1890 {

Regulations under the Dairies, Cowsheds, and

Milkshops Orders ... 21st Sep., 1887.

Building Bye-Laws ... 13th Dec., 1882.

Regulated Buildings, Trades, &c.	No.		General Conditions	Legal Proceedings (if any)
	Registered	Inspected		
Common Lodging Houses ...	none			
Canal Boats ...	none			
Slaughter Houses ...	9	yes		
Bakehouses ...	none			
{ Dairies ...	10			
{ Cowsheds ...	50			
{ Milkshops ...	2			
Offensive Trades ...	none			

Births—

(a) No. of each sex. ... 97 males and 103 females—200

(b) No. illegitimate. ... 3 males, 2 females.

Deaths—

(a) No. of each sex. ... 46 males and 52 females—98

(b) No. uncertified. ... none.

Death Returns—

What correction (if any) is made for non-residents dying within the District? See table A.

Are any Returns obtained of deaths of residents occurring in Public Institutions, (Workhouses, Hospitals, &c.) outside the District?—Yes. See table A.

Hospital for Infectious Diseases—

No. of Beds, 2. Charges to Patients—None.

Construction of Hospital (brick, stone, wood, iron, altered house or cottage, &c., &c.)—Stone Cottage.

Additions or alterations during 1894?

What Diseases are admitted? Small-pox only.

How many different Diseases at one time?

Disinfection. Apparatus (Steam? Hot Air?).....

Work done in 1894? None. Work done by Leeds Corporation when necessary.

Sanitary Work—

Total No. of Nuisances in hand at close of 1893—4. At close of 1894—15

Reported during 1894 ... 79

Abated during 1894 ... 68

Total No. of summonses or other legal proceedings.—None.

House Drainage—

Number of sinks dis-connected during 1894—7. Trapped—7

Closets. Approximate number of each kind in district—

Water Closets, 85; Trough Closets, 3; Slop Closet (waste water closet), 14; Pail, Pan or Tub Closet, 1; covered Privy Middens, 233; uncovered, 251.

Number constructed during 1894, 6. Kinds:—Covered Privy Middens and 1 Water Closet.

What action has been taken in regard to the following matters?

Houses unfit for habitation None occupied

Overcrowding.....

Seizure of unsound food...Prosecutions } NONE.

Samples taken under the Sale of Food and Drugs } NONE.

ActsProsecutions.....

Smoke Abatement ... 1 notice given

Workshops ... None.

